

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A62B18/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A62B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 17 08 046 A (DRAEGERWERK AG) 22 April 1971 (1971-04-22) the whole document	1-13
A	WO 03/068318 A (SECR DEFENCE ; BEE CHRISTOPHER RODNEY (GB)) 21 August 2003 (2003-08-21) the whole document	1-13
A	US 6 176 239 B1 (FRITCH JR WILLIAM M ET AL) 23 January 2001 (2001-01-23) the whole document	1-13
A	US 2 381 568 A (BOOHARIN LEO Y) 7 August 1945 (1945-08-07) the whole document	1-13



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

3 June 2005

Date of mailing of the international search report

28/07/2005

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Neiller, F

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 1708046	A	22-04-1971	DE 1708046 A1	22-04-1971
WO 03068318	A	21-08-2003	AU 2003208418 A1	04-09-2003
			CA 2475854 A1	21-08-2003
			EP 1474206 A1	10-11-2004
			WO 03068318 A1	21-08-2003
US 6176239	B1	23-01-2001	NONE	
US 2381568	A	07-08-1945	NONE	